

Amendments To The Claims:

Please amend the claims as shown.

1 – 8 (canceled)

9. (new) A steam generator, comprising:

a combustion chamber having funnel shaped side walls, a bottom area, and a top area;

a plurality of steam generator pipes, at least one of the pipes having a diameter at the bottom area that is different than a diameter at the top area;

an encircling wall arranged between the bottom and top areas and above the funnel shaped side walls formed from the plurality of steam generator pipes; and

a flow medium that flows through the steam generator pipes.

10. (new) The steam generator as claimed in claim 9, wherein a majority of steam generator pipes have a diameter at the bottom area that is different than a diameter at the top area.

11. (new) The steam generator as claimed in claim 10, wherein all of the steam generator pipes have a diameter at the bottom area that is different than a diameter at the top area

12. (new) The steam generator as claimed in claim 11, wherein a plurality of steam generator pipes have a smaller pipe diameter in the funnel-shaped bottom area than in the encircling wall top area.

13. (new) The steam generator as claimed in claim 12, wherein adjacent steam generator pipes are connected via fins, and a plurality of the fins in the encircling wall top area have a different width than in the funnel-shaped bottom area.

14. (new) The steam generator as claimed in claim 13, wherein a plurality of fins in the funnel-shaped bottom area have a narrower width than in the encircling wall top area.

15. (new) The steam generator as claimed in claim 14, wherein the diameter of the plurality of steam generator pipes in the funnel-shaped bottom area is reduced by 5 to 15 percent relative to the pipe diameter in the encircling wall top area.

16. (new) The steam generator as claimed in claim 15, wherein the width of a plurality of fins in the funnel-shaped bottom area is reduced by 30 to 70 percent relative to the fin width in the encircling wall top area.

17. (new) The steam generator as claimed in claim 16, wherein the plurality of steam generator pipes in the funnel-shaped bottom area are arranged substantially parallel to the direction of inclination of the funnel-shaped side walls.

18. (new) The steam generator as claimed in claim 17, wherein the steam generator is a continuous steam generator.

19. (new) A combustion chamber that combusts a fossil fuel for the generation of steam, comprising:

a top area and a bottom area where the bottom area is sized and configured for removal of accumulated ash;

a lower portion having funnel shaped side walls arranged between the top and bottom areas;

a plurality of steam generator pipes, at least one of the pipes having a diameter at the bottom area that is different than a diameter at the top area;

an encircling wall arranged between the bottom and top areas and above the funnel shaped side walls formed from the plurality of steam generator pipes; and

a flow medium that flows through the steam generator pipes that is heated.

20. (new) The steam generator as claimed in claim 9, wherein the combustion chamber side walls and the encircling wall form a gas tight boundary for the ducting of a hot combustion gas.